

Painting Grade 涂装型
TOYOLAC™ 100 MPK

FEATURE 特点

High Flow
高流动性

APPLICATION 用途

Automotive Parts
汽车配件, 一般应用

TECHNICAL DATA SHEET 技术数据表

| PROPERTY 性能 | TEST METHOD 测试方法 | TEST CONDITION 测试条件 | UNITS 单位 | TOYOLAC™ 100 MPK |
|--|---------------------|------------------------|-------------|---------------------|
| Physical Properties 物理性能 | | | | |
| Density 密度 | ISO 1183 | 23 °C | kg/m³ | 1030 |
| Melt Flow Rate 流动系数 | ISO 1133 | 220 °C / 10 kg | g/10 min | 35 |
| Mold Shrinkage 成型收缩率 | ASTM D955 | 23 °C / 50% RH | % | 0.4 – 0.6 |
| Glass Content 玻纤含量 | - | - | - | - |
| Mechanical Properties 机械性能 | | | | |
| Charpy Impact Strength, Notched Charpy 耐冲击强度, 缺口 | ISO 179/1eA | 23 °C / 50% RH | kJ/m² | 21 |
| Tensile Strength 拉伸强度-降伏点 | ISO 527 | 50 mm / min | MPa | 46 |
| Tensile Elongation at Break 拉伸伸长率-断裂点 | ISO 527 | 50 mm / min | % | > 10 |
| Tensile Modulus 拉伸模数 | ISO 527 | 1 mm / min | MPa | 2300 |
| Flexural Strength 弯曲强度 | ISO 178 | 2 mm / min | MPa | 68 |
| Flexural Modulus 弯曲模数 | ISO 178 | 2 mm / min | MPa | 2200 |
| Thermal Properties 热性能 | | | | |
| Deflection Temperature Under Load 热变形温度 | ISO 75 | 1.8 MPa / 120 °C/hr | °C | 78 |
| Appearance 表面 | | | | |
| Glossiness 光泽度 | - | - | - | - |
| Light Transmittance 光线透光率 | - | - | - | - |
| Haze 模糊系数 | - | - | - | - |
| Flammability 燃烧性 | | | | |
| Flammability 燃烧性 | - | - | - | - |

Note: The above values are typical data for the products under specific test conditions and not intended for use as limiting specifications.

[以上数据谨代表在特定条件下所得的测定值的代表例]

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